

Form PTO-1449		ATTY DOCKET NO. 0171-0819P	APPLICATION NO New				
INFORMATION DISCLOSURE CITATION IN AN APPLICATION <small>(Use several sheets if necessary)</small>		APPLICANT SHINGAWA, Tsutomu et al.	U.S.P.T.O. 10/07/2002 10/07/2002				
		FILING DATE February 13, 2002	GROUP				
U. S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME				
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
DCL	62-27387 B2	1987-06-15	JP			abs	
DCL	62-37385 B2	1987-08-12	JP			aba	
DCL	61-46821 B2	1986-10-16	JP			abs	
DCL	4-9847 A	1992-01-14	JP			abs	
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)							
EXAMINER <i>J. Prease</i>	DATE CONSIDERED			12/12/03			
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